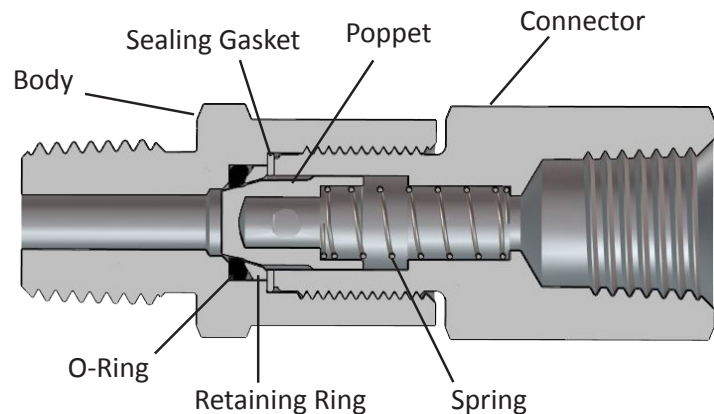


CH Series Check Valve Maintenance Instructions

Contents

All Kits	Seal Kit	Spring Kit
Maintenance Instructions	O-Ring	Spring
	Sealing Gasket	Sealing Gasket
		Label



Disassembly

1. Unscrew connector and remove from body.
(**Attention:** Internal parts are loose and may fall out).
2. **Seal Kit:**
Remove the spring, poppet, sealing gasket, retaining ring, and O-Ring. **Save** the spring, poppet, and retaining ring for reuse. **Discard** the sealing gasket and O-Ring.

Spring Kit:

Remove the spring, poppet and sealing gasket. **Save** the poppet for reuse. **Discard** the spring and sealing gasket.

Reassembly

1. Ensure that all parts are clean and free of debris.
2. **Seal Kit Only**
Lubricate the O-Ring with a system-compatible lubricant. Assemble into the body against the smaller flat.
3. **Seal Kit Only**
Place the retaining ring into the body against the O-Ring. The tapered surface of the retaining ring should be positioned against the O-Ring. See detail view above for proper orientation.

4. Lubricate both sides of the sealing gasket with a system-compatible lubricant. Place it on top of the retaining ring and against the large flat in the body.
5. Place the poppet into the body assembly. The tapered nose of the poppet should engage the O-Ring.
6. Place the spring into the large open end of the poppet. Make sure that the spring is squarely seated in the poppet.
7. Lubricate the male threads of the connector with a system-compatible lubricant. Screw the connector into the body and tighten to the following torque values:

Valve Series	Valve Material	Torque Value ft-lbs (in-lbs)
CH4	Stainless Steel	25 (300)
CH8		75 (900)
CH16		175 (2100)

8. Test product prior to installation in the system.
9. **Spring Kit Only:**
If new spring has different cracking pressure than old spring, attach cracking pressure label to body.